

IBM Digital Data Connector (DDC) for WebSphere Portal

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Available in both:
Portal 8.5 and
8001 CF 11

Digital Data Connector (DDC) Approach: Use WCM and WCM design components to render any external data, with little-to-no Java coding or deployment

IBM Connections

WebSphere Commerce /
Sterling Commerce

Kenexa

CMIS

Omnifind/Search

BPM (task list)

Custom Feed/Anything

Presentation Template Options

Presentation Markup:

Import Export Insert a Tag Insert Element Tags Insert a Link Insert an Image

```
[Plugin:ListRenderingContext extension-id="ibm.portal.plr.xml" action="a" attribute="source=https://vpavm249.boeblingen.de.ibm.com:9444/community/community?uid=a18b7452-5876-4631-a63b-6ef1f43c5f25" profile="ibm.portal.plr.xml"]
```

List Presentation Markup

Use HTML to define how list results are presented to your site visitors, including a header, footer, and separator.

Header:

Import Export Insert a Tag Insert a Link Insert an Image

```
<h2>[Plugin:ListRenderingContext action="getListProperty" key="title"]</h2>
```

markup

query

REST based update operations



Digital Data Connector (DDC): Approach

- Use **IBM Web Content Manager** (WCM) design components to render data being served from **external systems**
- Provide a **public plug-point** to allow integration of **all kinds** of data
- Use **WCM contents items** to describe **what data** to include and **what design** component to use to render the data
- Support **dynamic context overwrites** of source and filter attributes using public render parameters
- Support **update operations** through WCM-generated user interfaces
- Make it **easy integrate remote XML data**: No custom Java coding
 - Instead, use DDC list rendering profiles to transform external data into lists that can be rendered using WCM presentation templates

Benefits

- WCM Designers have full control over list presentation
→ Resulting Lists can fit nicely into the visual design of customer site
- No coding skills required for consuming & rendering external data
- Clean separation of concerns:
 - Page_Editor uses inline editing to: customize list definitions (i.e. what data to select, how to filter, how to sort) and to associate the appropriate styling by selecting it from a list of available list designs created by the Site Designers
 - Site_Designers create the look and feel (markup and CSS styling) for the lists
- List presentations and designs support workflow, projects, preview, versioning, syndication
- Generic and shared caching and data retrieval infrastructure
- No code deployment on the application server in many cases
 - DDC solutions often consist only of WCM artifacts (HTML/CSS/JS, WCM tags...)
 - Deployment can be done using WCM syndication

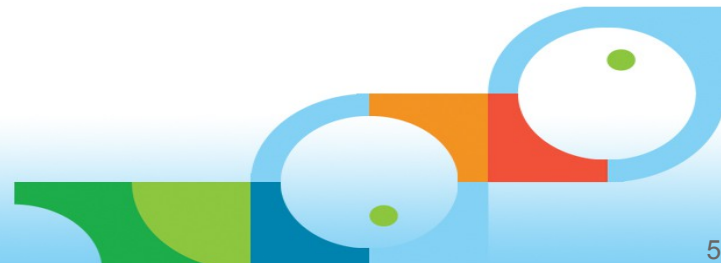
Business Benefits

Faster time to market

Lower costs: development & maintenance

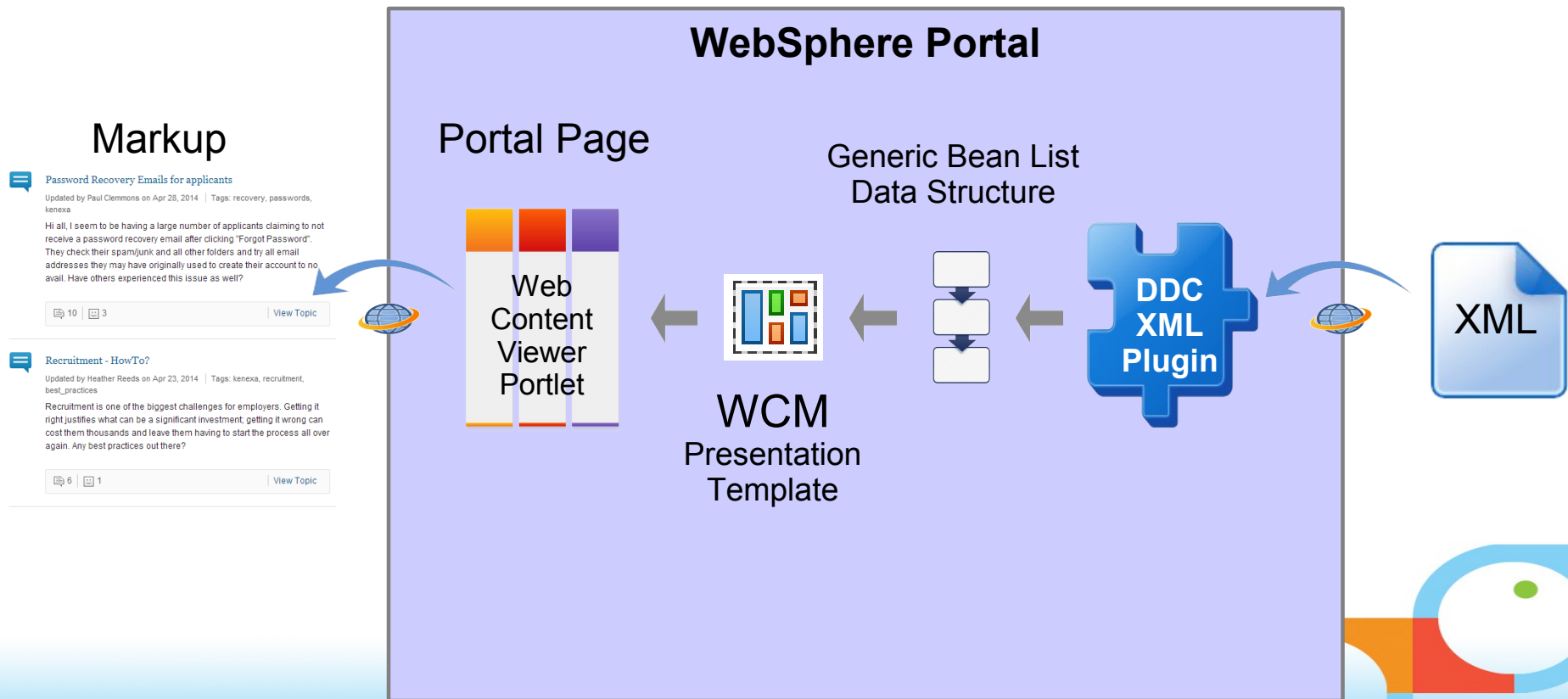
More easily customizable by a larger range of developers

Maximize ROI on Portal/WCM.



The generic XML DDC Plugin

Integrating remote XML Data without coding



The generic XML DDC Plugin

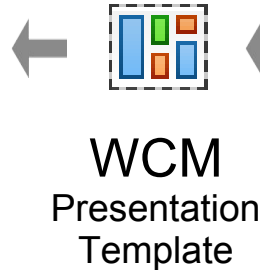
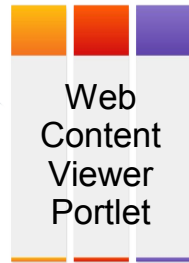
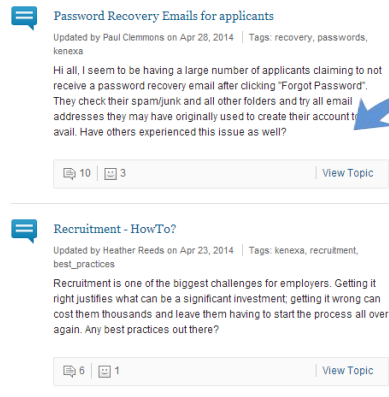
Integrating remote XML Data without coding



Markup

Portal Page

Generic List
Data Structure



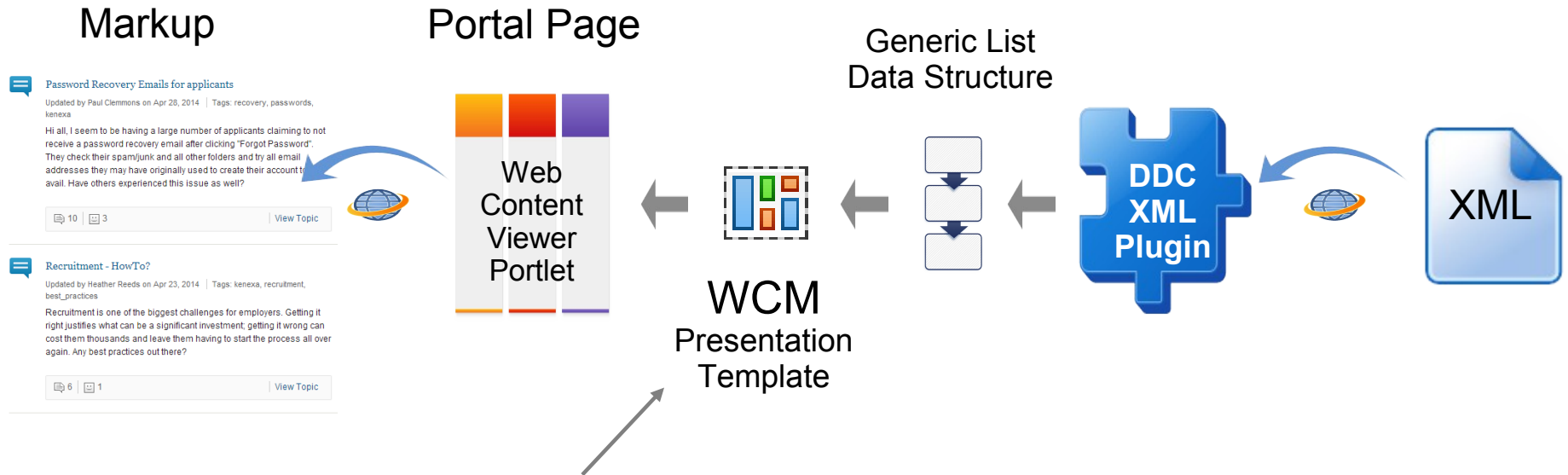
1. Use DDC profiles to

- Define the transformation from your specific XML into a generic list data structure (so-called bean lists)
- Enumerate the data attributes available in your list items

DDC Profile

The generic XML DDC Plugin

Integrating remote XML Data without coding

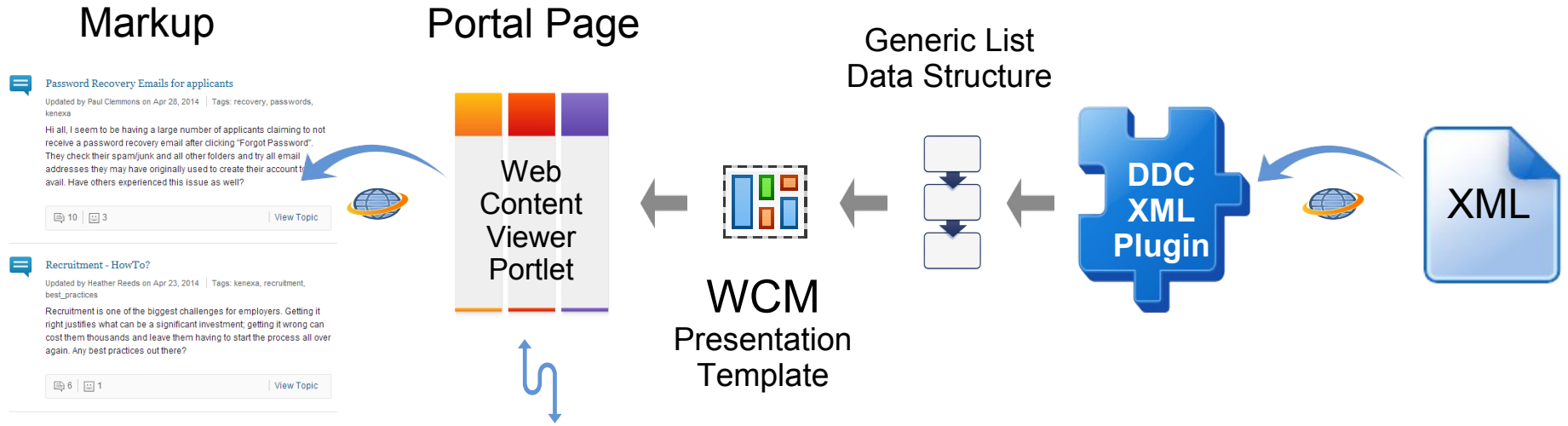


2. Use WCM Presentation templates to

- Define the transformation from your bean list into markup (visual appearance)
 - Reuse the WCM design components and workflows you already have
- Site designers can access bean attribute values using WCM tags
- Individual attributes can be selected from a drop down list

The generic XML DDC Plugin

Integrating remote XML Data without coding



3. Use DDC list definitions to

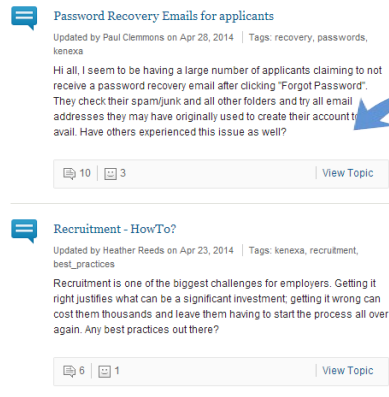
- Establish the right DDC rendering context by
 - Defining the source URL
 - Identify the DDC profile
 - Identify the target DDC plugin (in this case the generic XML DDC plugin)

The generic XML DDC Plugin

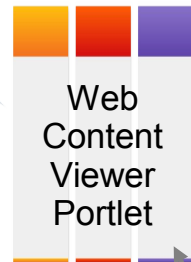
Integrating remote XML Data without coding



Markup



Portal Page



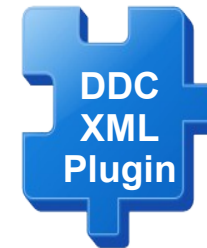
WCM
Content
item



Generic List Data Structure



WCM
Presentation
Template



4. Use the web content viewer to

- Render the list in the right context
- Aggregate applications (portlet), web content, and your lists into meaningful portal pages

DDC Profiles

- Define the list item selection XPath statement
- Enumerate the attributes of the items in the list
- Define attribute value selection XPath statements for each attribute
 - XPath statements are evaluated relative to the nodes selected by the item selection XPath
- Enumerate the properties of the list
- Define list property value selection XPath statements

```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping.atom=http://www.w3.org/2005/Atom
```

```
atom.ListItemSelection=//atom:entry
```

```
atom.ItemAttribute.id=./atom:id
atom.ItemAttribute.title=./atom:title
atom.ItemAttribute.summary=./atom:summary
atom.ItemAttribute.subtitle=./atom:subtitle
atom.ItemAttribute.authorName=./atom:author/atom:name
atom.ItemAttribute.authorEmail=./atom:author/atom:email
atom.ItemAttribute.authorUri=./atom:author/atom:uri
atom.ItemAttribute.contributorName=./atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=./atom:contributor/atom:email
atom.ItemAttribute.contributorUri=./atom:contributor/atom:uri
atom.ItemAttribute.updated=./atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=./atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=./atom:content
atom.ItemAttribute.categoryTerms=./atom:category/@term
atom.ItemAttribute.categorySchemes=./atom:category/@scheme
atom.ItemAttribute.categoryLabels=./atom:category/@label
atom.ItemAttribute.selfLink=./atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=./atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=./atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=./atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=./atom:feed/atom:author
atom.ListProperty.id=./atom:feed/atom:id
atom.ListProperty.selfLink=./atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=./atom:feed/atom:title
atom.ListProperty.updated=./atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Sample DDC Profile for Atom feeds

DDC Profiles: Atom Sample

(DDC Profile Author view)

```
<?xml version="1.0" encoding="UTF-8"?>
<feed xmlns="http://www.w3.org/2005/Atom" xmlns:app="http://www.w3.org/2007/08/feed" xmlns:
  <title type="text">Kenexa - Members</title>
  <id>https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/community/
  <updated>2013-12-12T17:01:25.235Z</updated>
  <generator uri="http://www.ibm.com/xmlns/prod/sn" version="4.5.0.0">IBM Connections -
  <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/comm
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  <snx:rank>snx="http://www.ibm.com/xmlns/prod/sn" scheme="http://www.ibm.com/xml
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  <entry>
  <id>http://communities.ibm.com:2006/service/atom/community/members?communityUid=a1
  <title type="text">Betty Zechman</title>
  <summary type="text">Betty Zechman</summary>
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  <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/vcard/profile.do?e
  <published>2013-09-24T09:20:17.835Z</published>
  <updated>2013-12-05T17:27:09.221Z</updated>
  <contributor>
    <email>bzechman@zetabank.com</email>
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    <snx:userState>snx="http://www.ibm.com/xmlns/prod/sn">active</snx:userState>
    <name>Betty Zechman</name>
  </contributor>
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  <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/cc
  <snx:role>snx="http://www.ibm.com/xmlns/prod/sn" component="http://www.ibm.com
  <category>snx="person" scheme="http://www.ibm.com/xmlns/prod/sn/type"></category>
  <snx:orgId>snx="http://www.ibm.com/xmlns/prod/sn"></snx:orgId>
  <entry>
  <id>http://communities.ibm.com:2006/service/atom/community/members?communityUid=a1
  <title type="text">Ted Amado</title>
  <summary type="text">Ted Amado</summary>
  <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/atom/profile.do?e
  <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/vcard/profile.do?e
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  <updated>2013-12-08T20:19:02.557Z</updated>
  <contributor>
    <email>tamado@zetabank.com</email>
    <snx:userId>snx="http://www.ibm.com/xmlns/prod/sn">4307403a-2064-4006-bb30
```

```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping.atom=http://www.w3.org/2005/Atom
```

atom.ListItemSelection=//atom:entry

```
atom.ItemAttribute.id=./atom:id
atom.ItemAttribute.title=./atom:title
atom.ItemAttribute.summary=./atom:summary
atom.ItemAttribute.subtitle=./atom:subtitle
atom.ItemAttribute.authorName=./atom:author/atom:name
atom.ItemAttribute.authorEmail=./atom:author/atom:email
atom.ItemAttribute.authorUri=./atom:author/atom:uri
atom.ItemAttribute.contributorName=./atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=./atom:contributor/atom:email
atom.ItemAttribute.contributorUri=./atom:contributor/atom:uri
atom.ItemAttribute.updated=./atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=./atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=./atom:content
atom.ItemAttribute.categoryTerms=./atom:category/@term
atom.ItemAttribute.categorySchemes=./atom:category/@scheme
atom.ItemAttribute.categoryLabels=./atom:category/@label
atom.ItemAttribute.selfLink=./atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=./atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=./atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=./atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=./atom:feed/atom:author
atom.ListProperty.id=./atom:feed/atom:id
atom.ListProperty.selfLink=./atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=./atom:feed/atom:title
atom.ListProperty.updated=./atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Defining the items in the list ...

Sample DDC Profile for Atom feeds

DDC Profiles: Atom Sample

(DDC Profile Author view)

```
<?xml version="1.0" encoding="UTF-8"?>
<feed xmlns="http://www.w3.org/2005/Atom" xmlns:app="http://www.w3.org/2007/app" xmlns:
  <title type="text">Kenexa - Members</title>
  <id>https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/community/me
  <updated>2013-12-12T17:01:25.235Z</updated>
  <generator uri="http://www.ibm.com/xmlns/prod/sn" version="4.5.0.0">IBM Connections -
  <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/comu
  <snx:communityLastMod xmlns:snx="http://www.ibm.com/xmlns/prod/sn" component="http://
  <snx:rank xmlns:snx="http://www.ibm.com/xmlns/prod/sn" scheme="http://www.ibm.com/xml
  <snx:role xmlns:snx="http://www.ibm.com/xmlns/prod/sn" scheme="http://www.ibm.com/xml
  <entry>
    <id>http://communities.ibm.com:2006/service/atom/community/members?communityUid=a1
    <title type="text">Betty Zechman</title>
    <summary type="text">Betty Zechman</summary>
    <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/atom/profile.do?
    <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/vcard/profile.do?e
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    <updated>2013-12-05T17:27:09.221Z</updated>
    <contributor>
      <email>bzechman@zetabank.com</email>
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      <snx:userState xmlns:snx="http://www.ibm.com/xmlns/prod/sn">active</snx:userState
      <name>Betty Zechman</name>
    </contributor>
    <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/cc
    <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/cc
    <snx:role xmlns:snx="http://www.ibm.com/xmlns/prod/sn" component="http://www.ibm.com/cc
    <category term="person" scheme="http://www.ibm.com/xmlns/prod/sn/type"></category>
    <snx:orgId xmlns:snx="http://www.ibm.com/xmlns/prod/sn"></snx:orgId>
  </entry>
  <entry>
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    <title type="text">Ted Amado</title>
    <summary type="text">Ted Amado</summary>
    <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/atom/profile.do?e
    <link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/vcard/profile.do?e
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    <updated>2013-12-08T20:19:02.557Z</updated>
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      <email>tamado@zetabank.com</email>
      <snx:userState xmlns:snx="http://www.ibm.com/xmlns/prod/sn">3d30740a-2064-4006-bb30
```

```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping.atom=http://www.w3.org/2005/Atom
```

atom.ListItemSelection=//atom:entry

```
atom.ItemAttribute.id=./atom:id
atom.ItemAttribute.title=./atom:title
atom.ItemAttribute.summary=./atom:summary
atom.ItemAttribute.subtitle=./atom:subtitle
atom.ItemAttribute.authorName=./atom:author/atom:name
atom.ItemAttribute.authorEmail=./atom:author/atom:email
atom.ItemAttribute.authorUri=./atom:author/atom:uri
```

atom.ItemAttribute.contributorEmail=./atom:contributor/atom:email

```
atom.ItemAttribute.updated=./atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=./atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=./atom:content
atom.ItemAttribute.categoryTerms=./atom:category/@term
atom.ItemAttribute.categorySchemes=./atom:category/@scheme
atom.ItemAttribute.categoryLabels=./atom:category/@label
atom.ItemAttribute.selfLink=./atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=./atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=./atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=./atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=./atom:feed/atom:author
atom.ListProperty.id=./atom:feed/atom:id
atom.ListProperty.selfLink=./atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=./atom:feed/atom:title
atom.ListProperty.updated=./atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Defining the attributes of the selected items ...

Sample DDC Profile for Atom feeds

DDC Profiles: Atom Sample

(DDC Profile Author view)

```
<?xml version="1.0" encoding="UTF-8"?>
<feed xmlns="http://www.w3.org/2005/Atom" xmlns:app="http://www.w3.org/2007/app" xmlns:
<title type="text">Kerexa - Members</title>
<id>https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/community/me
<updated>2013-12-12T17:01:25.235Z</updated>
<generator uri="http://www.ibm.com/xmlns/prod/sn" version="4.5.0.0">IBM Connections -
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/comu
<snx:userLastMod xmlns:snx="http://www.ibm.com/xmlns/prod/sn" component="http://
<snx:rank xmlns:snx="http://www.ibm.com/xmlns/prod/sn" scheme="http://www.ibm.com/xml
<snx:rank xmlns:snx="http://www.ibm.com/xmlns/prod/sn" scheme="http://www.ibm.com/xml
<entry>
<id>http://communities.ibm.com:2006/service/atom/community/members?communityUid=a1
<title type="text">Betty Zechman</title>
<summary type="text">Betty Zechman</summary>
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/atom/profile.do?e
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/vcard/profile.do?e
<published>2013-09-24T09:20:17.835Z</published>
<updated>2013-12-05T17:27:09.221Z</updated>
<contributor>
<email>bzechman@zatabank.com</email>
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<snx:userState xmlns:snx="http://www.ibm.com/xmlns/prod/sn">active</snx:userState>
<name>Betty Zechman</name>
</contributor>
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/cc
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/cc
<snx:role xmlns:snx="http://www.ibm.com/xmlns/prod/sn" component="http://www.ibm.co
<category term="person" scheme="http://www.ibm.com/xmlns/prod/sn/type"></category>
<snx:orgId xmlns:snx="http://www.ibm.com/xmlns/prod/sn"></snx:orgId>
</entry>
<entry>
<id>http://communities.ibm.com:2006/service/atom/community/members?communityUid=a1
<title type="text">Ted Amado</title>
<summary type="text">Ted Amado</summary>
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/atom/profile.do?e
<link href="https://wpsvm249.boeblingen.de.ibm.com:9444/profiles/vcard/profile.do?e
<published>2013-12-08T20:19:02.557Z</published>
<updated>2013-12-08T20:19:02.557Z</updated>
<contributor>
<email>tamado@zatabank.com</email>
<snx:userid xmlns:snx="http://www.ibm.com/xmlns/prod/sn">ad70740a-2064-4006-bb20
```

```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping:atom=http://www.w3.org/2005/Atom
```

```
atom.ListItemSelection=//atom:entry
```

```
atom.ItemAttribute.id=./atom:id
atom.ItemAttribute.title=./atom:title
atom.ItemAttribute.summary=./atom:summary
atom.ItemAttribute.subtitle=./atom:subtitle
atom.ItemAttribute.authorName=./atom:author/atom:name
atom.ItemAttribute.authorEmail=./atom:author/atom:email
atom.ItemAttribute.authorUri=./atom:author/atom:uri
atom.ItemAttribute.contributorName=./atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=./atom:contributor/atom:email
atom.ItemAttribute.contributorUri=./atom:contributor/atom:uri
atom.ItemAttribute.updated=./atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=./atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=./atom:content
atom.ItemAttribute.categoryTerms=./atom:category/@term
atom.ItemAttribute.categorySchemes=./atom:category/@scheme
atom.ItemAttribute.categoryLabels=./atom:category/@label
atom.ItemAttribute.selfLink=./atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=./atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=./atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=./atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=./atom:feed/atom:author
atom.ListProperty.id=./atom:feed/atom:id
```

```
atom.ListProperty.title=./atom:feed/atom:title
```

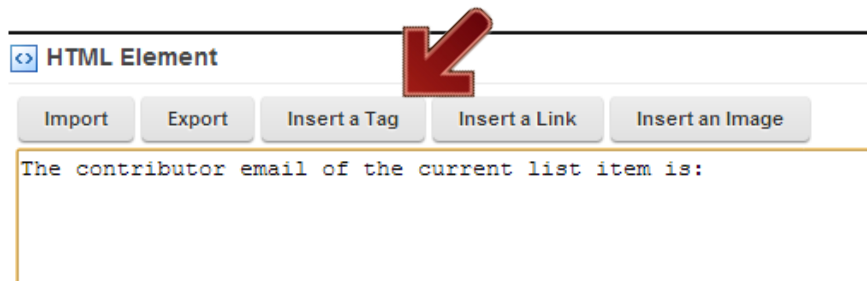
```
atom.ListProperty.updated.Type=Date
```

Defining the list properties ...

Sample DDC Profile for Atom feeds

DDC Profiles: WCM Tag Helper

(WCM Site Designer view)



DDC profiles show up in the WCM authoring UI ...

```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping.atom=http://www.w3.org/2005/Atom
```

```
atom.ListItemSelection=//atom:entry
```

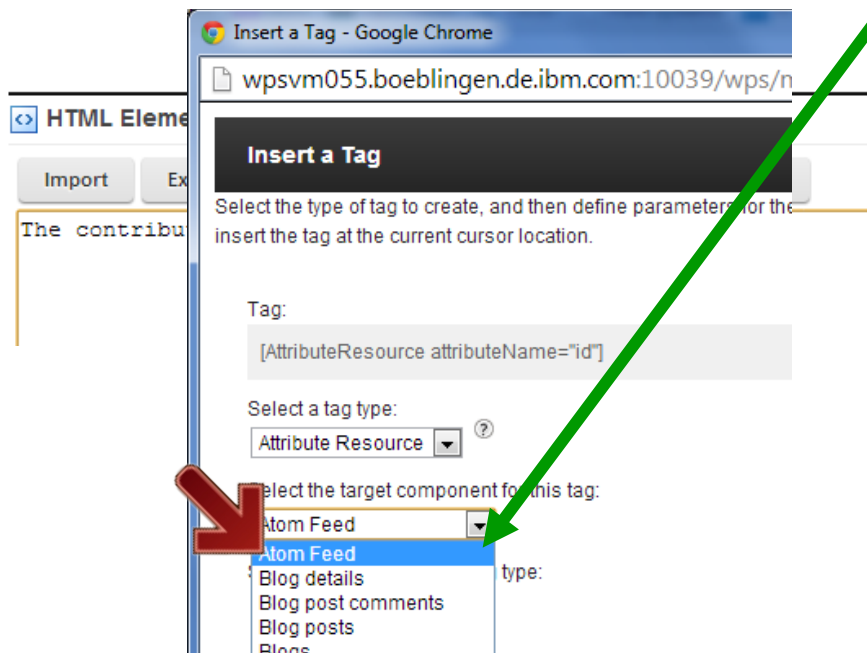
```
atom.ItemAttribute.id=../atom:id
atom.ItemAttribute.title=../atom:title
atom.ItemAttribute.summary=../atom:summary
atom.ItemAttribute.subtitle=../atom:subtitle
atom.ItemAttribute.authorName=../atom:author/atom:name
atom.ItemAttribute.authorEmail=../atom:author/atom:email
atom.ItemAttribute.authorUri=../atom:author/atom:uri
atom.ItemAttribute.contributorName=../atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=../atom:contributor/atom:email
atom.ItemAttribute.contributorUri=../atom:contributor/atom:uri
atom.ItemAttribute.updated=../atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=../atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=../atom:content
atom.ItemAttribute.categoryTerms=../atom:category/@term
atom.ItemAttribute.categorySchemes=../atom:category/@scheme
atom.ItemAttribute.categoryLabels=../atom:category/@label
atom.ItemAttribute.selfLink=../atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=../atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=../atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=../atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=../atom:feed/atom:author
atom.ListProperty.id=../atom:feed/atom:id
atom.ListProperty.selfLink=../atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=../atom:feed/atom:title
atom.ListProperty.updated=../atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Sample DDC Profile for Atom feeds

DDC Profiles: WCM Tag Helper

(WCM Site Designer view)



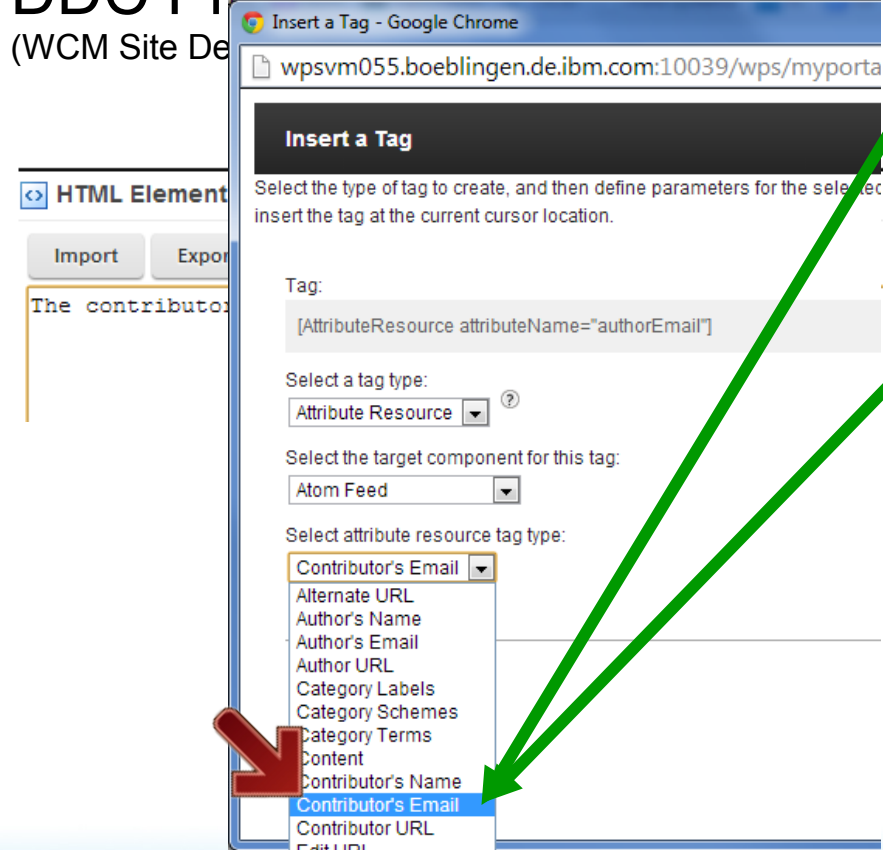
```
atom.Name=ibm.portal.atom
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespacePrefixingResourceName=http://www.ibm.com/g/2002/atom
atom.ListItemSelection=//atom:entry
atom.ItemAttribute.id=../atom:id
atom.ItemAttribute.title=../atom:title
atom.ItemAttribute.summary=../atom:summary
atom.ItemAttribute.subtitle=../atom:subtitle
atom.ItemAttribute.authorName=../atom:author/atom:name
atom.ItemAttribute.authorEmail=../atom:author/atom:email
atom.ItemAttribute.authorUri=../atom:author/atom:uri
atom.ItemAttribute.contributorName=../atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=../atom:contributor/atom:email
atom.ItemAttribute.contributorUri=../atom:contributor/atom:uri
atom.ItemAttribute.updated=../atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=../atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=../atom:content
atom.ItemAttribute.categoryTerms=../atom:category/@term
atom.ItemAttribute.categorySchemes=../atom:category/@scheme
atom.ItemAttribute.categoryLabels=../atom:category/@label
atom.ItemAttribute.selfLink=../atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=../atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=../atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=../atom:link[@rel='edit']/@href
atom.ListProperty.author=../atom:feed/atom:author
atom.ListProperty.id=../atom:feed/atom:id
atom.ListProperty.selfLink=../atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=../atom:feed/atom:title
atom.ListProperty.updated=../atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Site designers can pick the DDC profile ...

Sample DDC Profile for Atom feeds

DDC Profiles: WCM Tag Helper

(WCM Site Designer)



```
atom.Name=ibm.portal.atom
atom.BeanListProviderId=com.ibm.portal.wcm.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespacePrefixingId=com.ibm.portal.wcm.pzn.xml
atom.ListItemSelection=//atom:entry

atom.ItemAttribute.id=../atom:id
atom.ItemAttribute.title=../atom:title
atom.ItemAttribute.summary=../atom:summary
atom.ItemAttribute.subtitle=../atom:subtitle
atom.ItemAttribute.authorName=../atom:author/atom:name
atom.ItemAttribute.authorEmail=../atom:author/atom:email
atom.ItemAttribute.authorUri=../atom:author/atom:uri
atom.ItemAttribute.contributorName=../atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=../atom:contributor/atom:email
atom.ItemAttribute.contributorUri=../atom:contributor/atom:uri
atom.ItemAttribute.updated=../atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=../atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=../atom:content
atom.ItemAttribute.categoryTerms=../atom:category/@term
atom.ItemAttribute.categorySchemes=../atom:category/@scheme
atom.ItemAttribute.categoryLabels=../atom:category/@label
atom.ItemAttribute.selfLink=../atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=../atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=../atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=../atom:link[@rel='edit']/@href

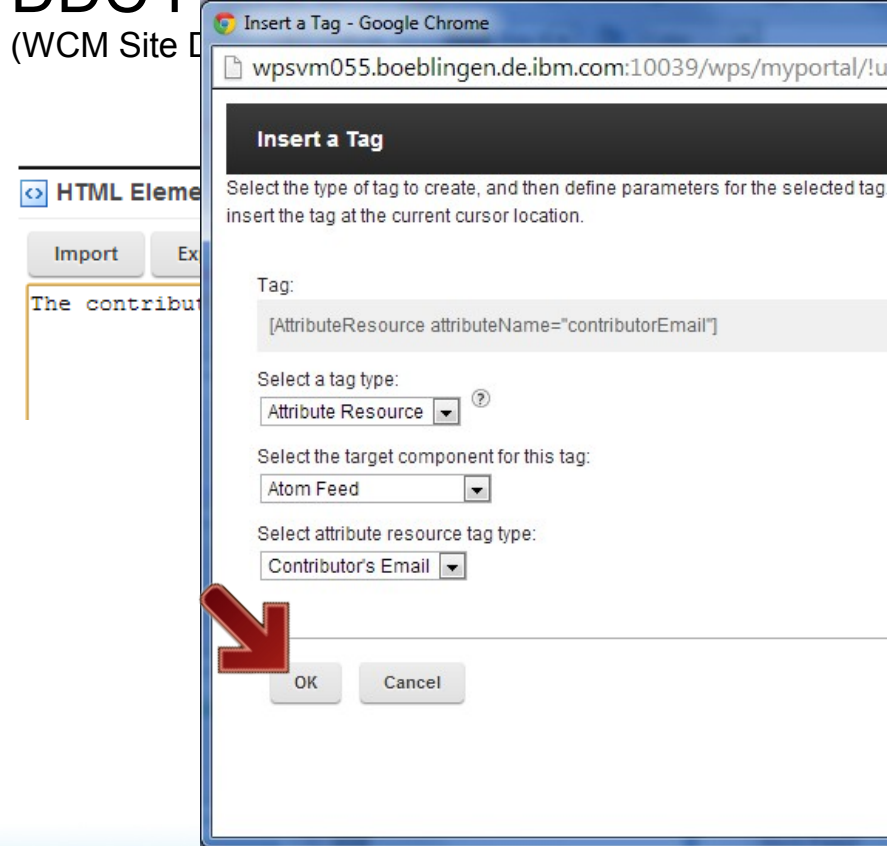
atom.ListProperty.author=../atom:feed/atom:author
atom.ListProperty.id=../atom:feed/atom:id
atom.ListProperty.selfLink=../atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=../atom:feed/atom:title
atom.ListProperty.updated=../atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Sample DDC Profile for Atom feeds

Site designers select the attributes to add to the markup

DDC Profiles: WCM Tag Helper

(WCM Site D



```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping.atom=http://www.w3.org/2005/Atom
```

```
atom.ListItemSelection=//atom:entry
```

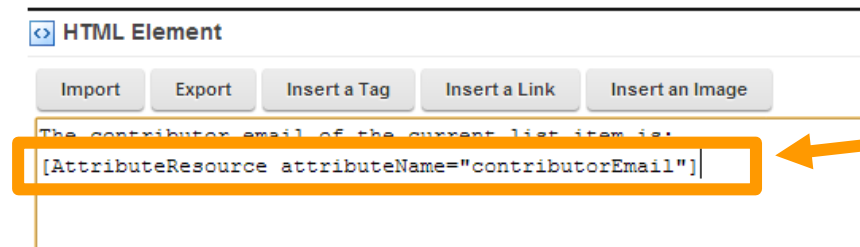
```
atom.ItemAttribute.id=./atom:id
atom.ItemAttribute.title=./atom:title
atom.ItemAttribute.summary=./atom:summary
atom.ItemAttribute.subtitle=./atom:subtitle
atom.ItemAttribute.authorName=./atom:author/atom:name
atom.ItemAttribute.authorEmail=./atom:author/atom:email
atom.ItemAttribute.authorUri=./atom:author/atom:uri
atom.ItemAttribute.contributorName=./atom:contributor/atom:name
atom.ItemAttribute.contributorEmail=./atom:contributor/atom:email
atom.ItemAttribute.contributorUri=./atom:contributor/atom:uri
atom.ItemAttribute.updated=./atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=./atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=./atom:content
atom.ItemAttribute.categoryTerms=./atom:category/@term
atom.ItemAttribute.categorySchemes=./atom:category/@scheme
atom.ItemAttribute.categoryLabels=./atom:category/@label
atom.ItemAttribute.selfLink=./atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=./atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=./atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=./atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=./atom:feed/atom:author
atom.ListProperty.id=./atom:feed/atom:id
atom.ListProperty.selfLink=./atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=./atom:feed/atom:title
atom.ListProperty.updated=./atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Sample DDC Profile for Atom feeds

DDC Profiles: WCM Tag Helper

(WCM Site Designer view)



```
atom.Name=ibm.portal.atom
atom.BeanListProviderID=ibm.portal.plr.xml
atom.ResourceBundleBaseName=com.ibm.workplace.wcm.pzn.xml.AtomBeanListProvider
atom.NamespaceMapping.atom=http://www.w3.org/2005/Atom
```

```
atom.ListItemSelection=//atom:entry
```

```
atom.ItemAttribute.id=../atom:id
atom.ItemAttribute.title=../atom:title
atom.ItemAttribute.summary=../atom:summary
atom.ItemAttribute.subtitle=../atom:subtitle
atom.ItemAttribute.authorName=../atom:author/atom:name
atom.ItemAttribute.authorEmail=../atom:author/atom:email
atom.ItemAttribute.authorUri=../atom:author/atom:uri
atom.ItemAttribute.contributorEmail=../atom:contributor/atom:email
atom.ItemAttribute.contributorUri=../atom:contributor/atom:uri
atom.ItemAttribute.updated=../atom:updated
atom.ItemAttribute.updated.Type=Date
atom.ItemAttribute.published=../atom:published
atom.ItemAttribute.published.Type=Date
atom.ItemAttribute.content=../atom:content
atom.ItemAttribute.categoryTerms=../atom:category/@term
atom.ItemAttribute.categorySchemes=../atom:category/@scheme
atom.ItemAttribute.categoryLabels=../atom:category/@label
atom.ItemAttribute.selfLink=../atom:link[@rel='self']/@href
atom.ItemAttribute.enclosureLink=../atom:link[@rel='enclosure']/@href
atom.ItemAttribute.alternateLink=../atom:link[@rel='alternate']/@href
atom.ItemAttribute.editLink=../atom:link[@rel='edit']/@href
```

```
atom.ListProperty.author=../atom:feed/atom:author
atom.ListProperty.id=../atom:feed/atom:id
atom.ListProperty.selfLink=../atom:feed/atom:link[@rel='self']/@href
atom.ListProperty.title=../atom:feed/atom:title
atom.ListProperty.updated=../atom:feed/atom:updated
atom.ListProperty.updated.Type=Date
```

Sample DDC Profile for Atom feeds

Rendering of Bean Lists



Establish the DDC Context

Presentation Template Options

Presentation Markup:

Import Export Insert a Tag Insert Element Tags Insert a Link Insert an Image

```
[Plugin:ListRenderingContext extension-id="ibm.portal.plr.xml" action="set"
attribute="source=https://wpsvm249.boeblingen.de.ibm.com:9444/communities/service/atom/community/members?
communityUuid=a18b7452-5876-4631-a63b-6fe1f43c5f25" profile="ibm.portal.atom"]
```

▼ List Presentation Markup

Use HTML to define how list results are presented to your site visitors, including a header, footer, and separator.

Header:

Import Export Insert a Tag Insert a Link Insert an Image

```
<h2>[Plugin:ListRenderingContext action="getListProperty" key="title"]</h2>
```

Access List Properties

Result design:

Import Export Insert a Tag Insert a Link Insert an Image

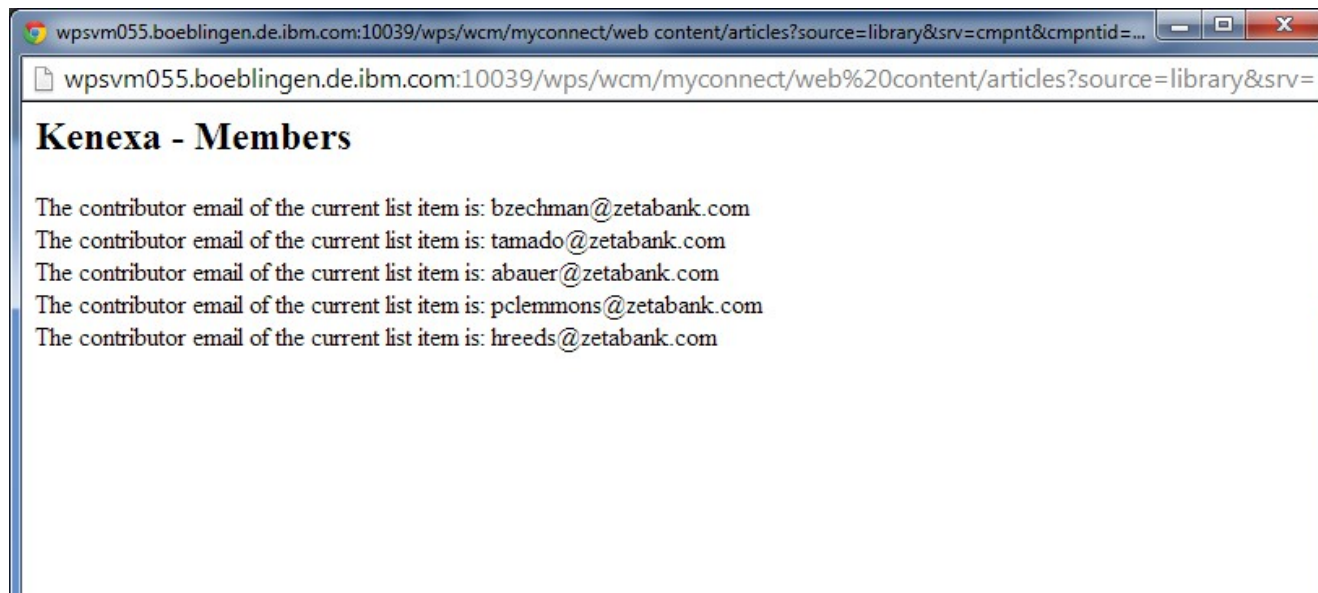
The contributor email of the current list item is:

```
[AttributeResource attributeName="contributorEmail"]<br>
```

Access List Item Attributes

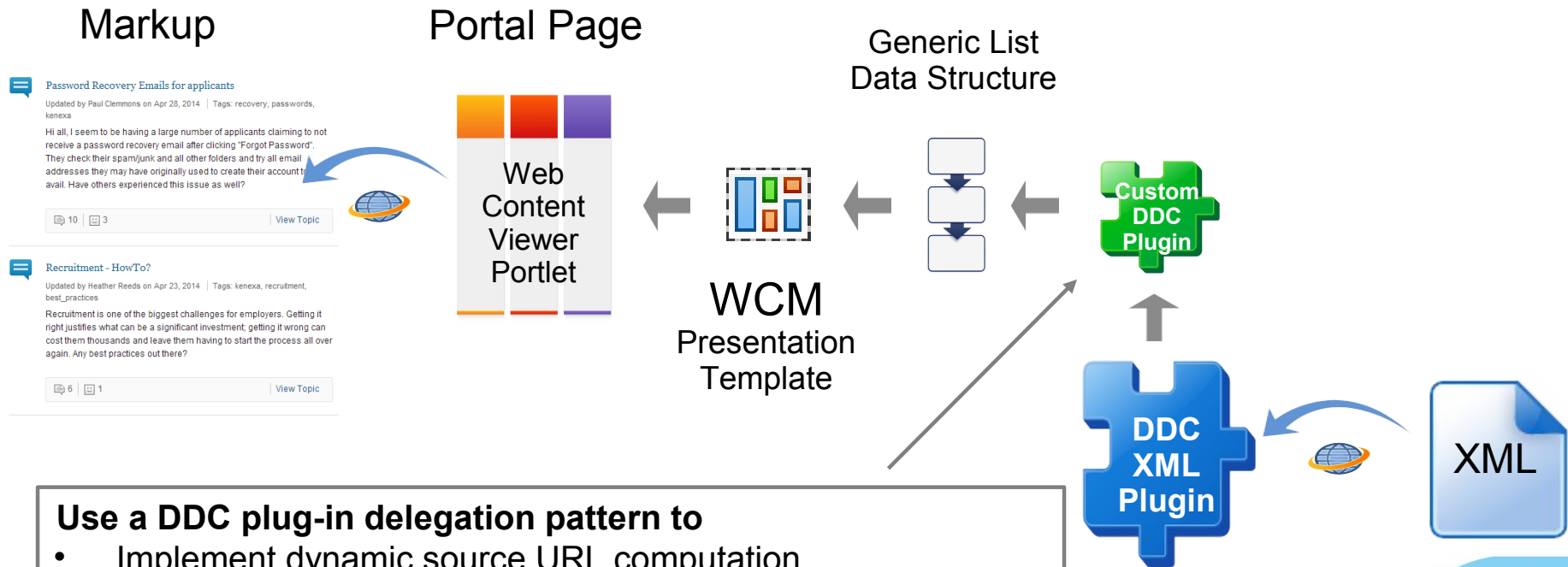
DDC List Appearance PZN Component

Rendering of Bean Lists – Rendering Output



Extending the generic XML DDC Plugin

advanced integration of remote XML Data with little coding



Use a DDC plug-in delegation pattern to

- Implement dynamic source URL computation
- Tweak the bean lists generated by the XML plug-in
- Add computed attributes

Delegate XML loading and profile based transformation to the XML plug-in

Integrating non XML data using a custom DDC Plugin



integration of arbitrary remote data

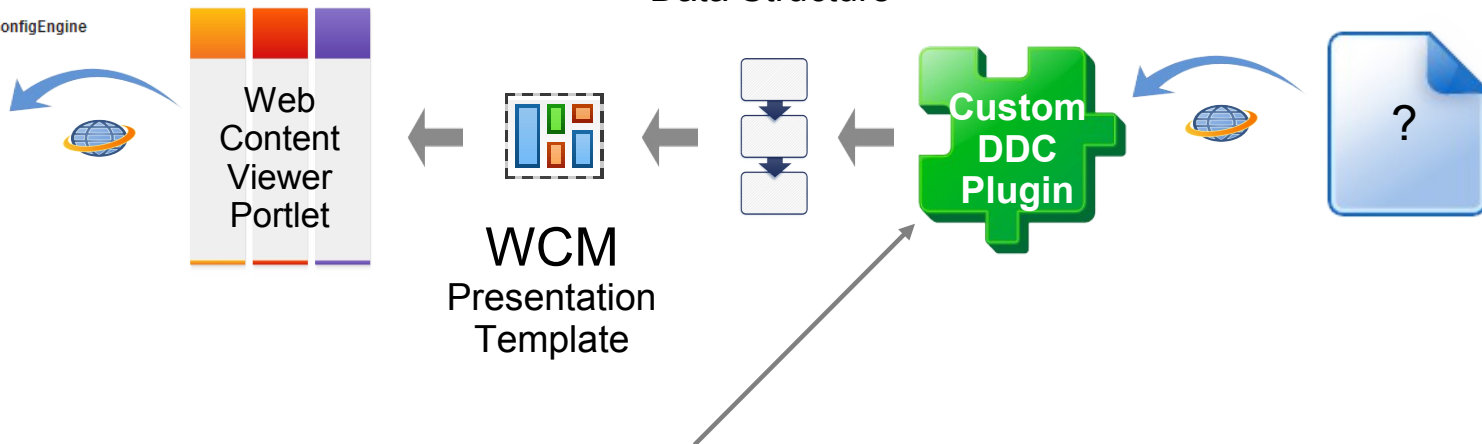
Markup

Portal Page

Generic List
Data Structure

Current Folder: /opt/WebSphere/wp_profile/ConfigEngine

- ..
- config
- log
- properties
- uninstall
- base_dynamic.xml (75159 bytes)
- ConfigEngine.bat (1161 bytes)
- ConfigEngine.sh (978 bytes)
- registry.xml (170057 bytes)

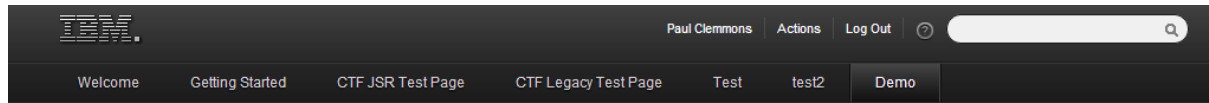


Use a custom DDC plugin to

- Integrate arbitrary data from arbitrary sources
- Have full control over the bean list creation process (Java code)

Dynamic DDC Rendering Contexts

Source and Filter parameters can be overridden using public/private render parameters



Retail Associate
Saginaw, MI - 2 hours ago | Full Time | Oct 8
Retail Associates assist customers in finding merchandise and making buying decisions. They also ensure the department and merchandise displays are organized and fully stocked.

Retail Outfitter
Saginaw, MI - 2 hours ago | Full Time | Oct 8
Assists customers in finding merchandise and making buying decisions. Restocks merchandise to ensure the department and merchandise displays are organized and fully stocked.

Retail Associate
Saginaw, MI - 2 hours ago | Full Time | Oct 8
Retail Associates assist customers in finding merchandise and making buying decisions. They also ensure the department and merchandise displays are organized and fully stocked.

Source

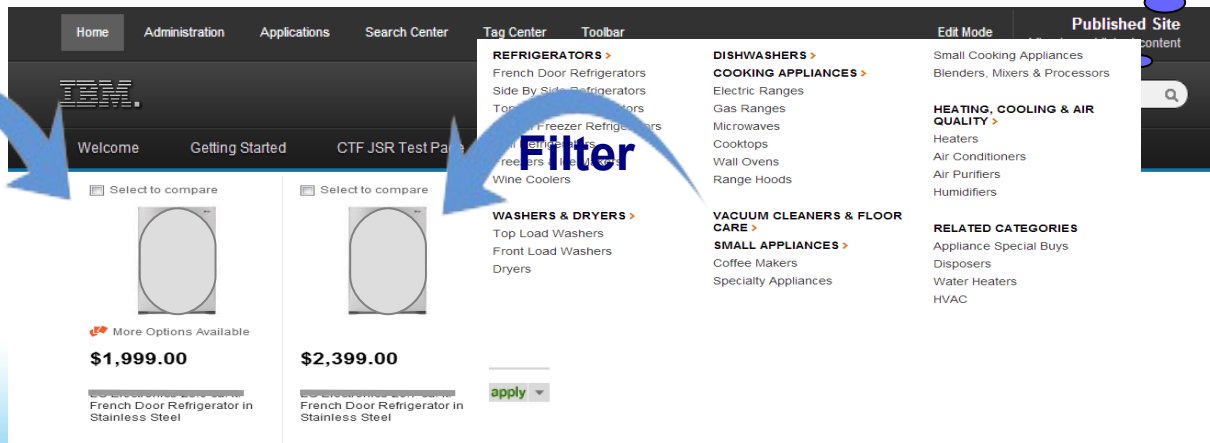
E.g.: Custom Portlet sets the source URL

E.g. theme menus setting filters

E.g. other DDC lists setting filters

Filter

Filter



The generic XML DDC Plugin: Supporting User Interaction

Integrating remote XML Data without coding

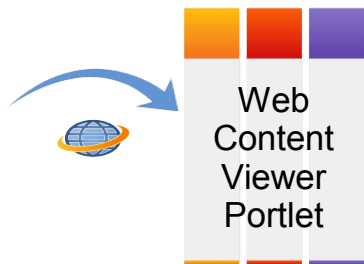
Markup

Portal Page



Comment on this Blog Post

I fully agree to this statement.
Thanks for posting this :-)



Payload Document

PUT/POST/DELETE



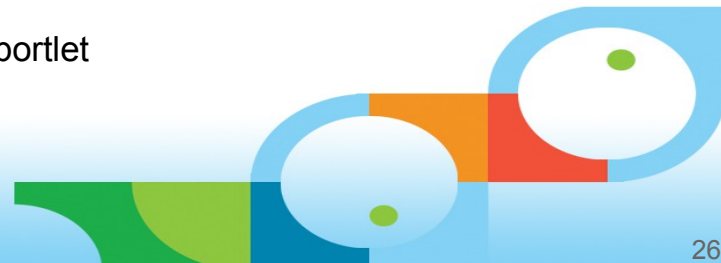
- **Use the XML plugin to implement XML REST based CRUD operations**
 - Use WCM generated HTML forms to put/post/delete XML document through DDC
 - Use DDC profiles to setup the right payload XML document



DDC Profile

New DDC Rendering Plugins

- [Plugin:ActionURL]
 - Use this plugin in your HTML forms to post data through the Web Content Viewer portlet to an outbound data sink
- [Plugin:RenderURL]
 - Use this plugin to generate URLs that set, add, or remove private and public render parameters
- [Plugin:ResourceURL]
 - Use this plugin to construct proxied outbound URLs
- [Plugin:RenderParam]
 - Use this plugin to read private and public render parameters
- [Plugin:Page]
 - Use this plugin to obtain information about the current page
- [Plugin:Portlet]
 - Use this plugin to obtain information about the current portlet
- [Plugin:SessionAttribute]
 - Use this plugin to read/write portlet session attribute



DDC Sample: RSS Feeds



- Implemented using DDC XML plugin
- Generic RSS DDC Profile
- No Java code required
- Full solution is comprised by one Web Content Library + DDC profile

<http://newsoffice.mit.edu/rss/topic/computers>

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CSAIL researchers develop new ways to streamline, simplify 3-D printing

Jul 24, 2013

New research to be presented at the 2013 SIGGRAPH computer graphics conference could transform field of 3-D printing.



A faster Internet — designed by computers?

Jul 19, 2013

Computer-designed algorithms for controlling network congestion yield transmission rates two to three times as high as those designed by humans.



Writing programs using ordinary language

Jul 11, 2013

Systems that can convert written specifications into working code in a few narrow cases could be generalized to other tasks.



Researchers build an all-optical transistor

Jul 5, 2013

An optical switch that can be turned on by a single photon could point toward new designs for both classical and quantum computers.



Securing the cloud

Jun 10, 2013

A new algorithm solves a major problem with homomorphic encryption, which would let Web servers process data without decrypting it.

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Jun 7, 2010 | Duration: 4:47



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May 14, 2010 | Duration: 12:06



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Custom WCM design to support Podcast Feeds

Sample

DDC Sample: RSS Feeds





RSS Feed (Specified)


Feed URL:
<http://newsoffice.mit.edu/rss/topic/computers>


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UK CEOs View Investing in Security as a Top Priority
Mar 24, 2010 | Duration: 9:53



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Jul 19, 2013

Open Edit Form

Libraries > Portal Site > Content > Content Root > DDC > RSS > RSS Feed

RSS Feed ☆
Status - Published | Last modified Today 2:31:23 PM GMT+02:00 by wpadmin | Created by wpadmin

Save and Close Read Preview Apply Authoring Template More Close

Content Properties

*Name:
RSS Feed

Display title:
RSS Feed

Description:
Copy this item to render individual RSS feeds by filling in the "Source URL" value.

Source URL
Source URL
<http://newsoffice.mit.edu/rss/topic/computers>

List Appearance
Component:
Select Component
RSS Feeds / List Appearances / RSS Feed

Save and Close Read Preview Apply Authoring Template More Close

* Required Fields

In-place editing for Feed URL

In context access to list definition and design

Sample

DDC Sample: RSS Feeds: RSS DDC Profile



```
rss.Name=ibm.portal.rss
rss.BeanListProviderID=ibm.portal.ddc.xml
rss.NamespaceMapping.atom10=http://www.w3.org/2005/Atom
rss.NamespaceMapping.feedburner=http://rssnamespace.org/feedburner/ext/1.0
rss.NamespaceMapping.content=http://purl.org/rss/1.0/modules/content/
rss.NamespaceMapping.media=http://search.yahoo.com/mrss/
```

```
rss.ListItemSelection=//item
```

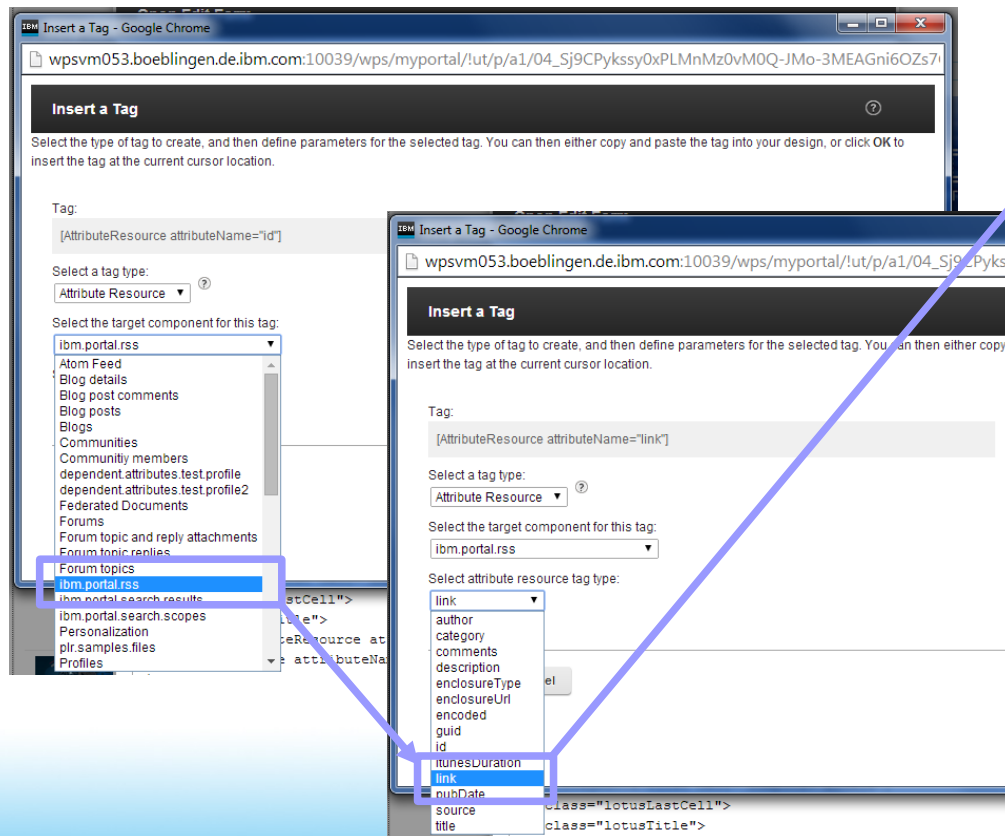
#Item Attributes

```
rss.ItemAttribute.id= ./title
rss.ItemAttribute.title= ./title
rss.ItemAttribute.description= ./description
rss.ItemAttribute.link= ./link
rss.ItemAttribute.author= ./author
rss.ItemAttribute.category= ./category
rss.ItemAttribute.comments= ./comments
rss.ItemAttribute.guid= ./guid
rss.ItemAttribute.pubDate= ./pubDate
rss.ItemAttribute.pubDate.Type=Date
rss.ItemAttribute.source= ./source
rss.ItemAttribute.encoded= ./content:encoded
rss.ItemAttribute.enclosureType= ./enclosure/@type
rss.ItemAttribute.enclosureUri= ./enclosure/@url
rss.ItemAttribute.mediaContentURL= ./media:content/@url
rss.ItemAttribute.mediaEncoded= ./media:encoded
```

List Properties

```
rss.ListProperty.title=/rss/channel/title
rss.ListProperty.link=/rss/channel/link
rss.ListProperty.description=/rss/channel/description
rss.ListProperty.language=/rss/channel/language
rss.ListProperty.copyright=/rss/channel/copyright
rss.ListProperty.pubDate=/rss/channel/pubDate
rss.ListProperty.pubDate.Type=Date
rss.ListProperty.ttl=/rss/channel/ttl
rss.ListProperty.category=/rss/channel/category
rss.ListProperty.cloud=/rss/channel/cloud
rss.ListProperty.docs=/rss/channel/docs
rss.ListProperty.generator=/rss/channel/generator
rss.ListProperty.imageTitle=/rss/channel/image/title
rss.ListProperty.imageLink=/rss/channel/image/link
rss.ListProperty.imageUrl=/rss/channel/image/url
rss.ListProperty.imageWidth=/rss/channel/image/width
rss.ListProperty.imageHeight=/rss/channel/image/height
rss.ListProperty.imageDescription=/rss/channel/image/description
rss.ListProperty.atom10SelfLink=/rss/channel/atom10:link[@rel='self']/@href
rss.ListProperty.feedburnerUri=/rss/channel/feedburner:info/@uri
rss.ListProperty.atom10HubLink=/rss/channel/atom10:link[@rel='hub']/@href
```

DDC Sample: RSS Feeds: Site Designer View



```
<tr>
[Component name="rss feeds/fragments/first cell" compute="always"]
<td class="lotusLastCell">
<h4 class="lotusTitle">
<a href="[AttributeResource attributeName="link" separator="," target="_blank">
[AttributeResource attributeName="title" separator=","]</a>
</h4>
<div class="lotusMeta">
<ul class="lotusInlinelist">
<li class="lotusFirst">
[AttributeResource attributeName="pubDate" format="DATE_MEDIUM" separator=","]
</li>
</ul>
</div>
</td>
</tr>

<tr class="lotusDetails">
<td class="lotusFirstCell"> </td>
<td class="lotusLastCell">
<p>[AttributeResource attributeName="description" separator=","]</p>
</td>
</tr>
```

Edit Add To Project... Preview Change to Draft More Close

DDC Samples: Local Files System



- Implemented using custom DDC Plugin
- Java implementation reads information from local file system
- Solution consists of Web Content Library + one JAR file containing the plugin code and the DDC profile

Local Files

Current Folder: /opt/WebSphere/wp_profile

- ..
- bin
- build
- config
- ConfigEngine
- configuration
- consolepreferences
- ejbdeploy
- etc
- expandedBundles
- firststeps

First | Previous | Next | Last



Local Files

Current Folder: /opt/WebSphere/wp_profile/ConfigEngine

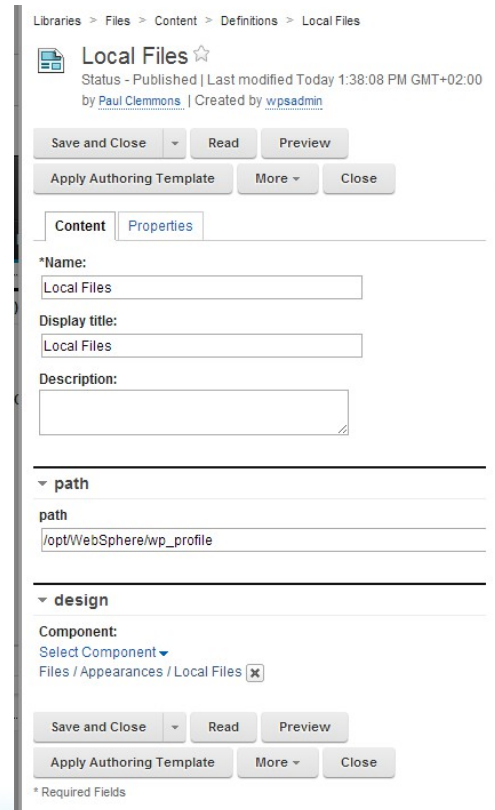
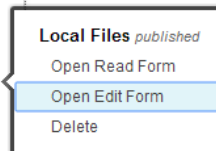
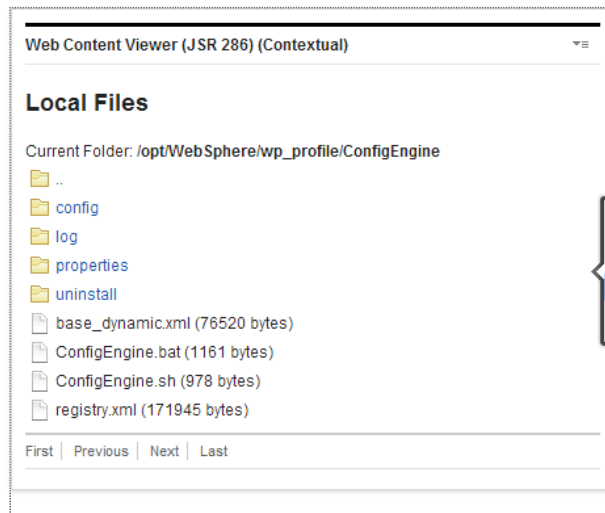
- ..
- config
- log
- properties
- uninstall
- base_dynamic.xml (76520 bytes)
- ConfigEngine.bat (1161 bytes)
- ConfigEngine.sh (978 bytes)
- registry.xml (171945 bytes)

First | Previous | Next | Last

DDC Samples: Local Files System



- Implemented using custom XML plugin
- Java implementation reads information from local file system
- Solution consists of Web Content Library + one JAR file containing the plugin code and the DDC profile



DDC Application: Social Rendering in Portal 8.5

- Implemented using Social Rendering DDC Plugin delegating XML processing & loading to the generic XML Plugin
- Additional computed attributes contributed by Social Rendering DDC plugin
- Set of Connections Profiles
- Connection Context Rendering plugin

The screenshot displays the IBM Kenexa portal interface. At the top, a navigation bar includes links for Home, Administration, Applications, Search Center, Tag Center, and Kenexa. A user profile for Paul Clemmons is visible, along with links for Actions, Log Out, and a search bar. Below the navigation bar, a banner reads "A SMARTER WORKFORCE MAKES SMARTER BUSINESS" with a graphic of a rainbow and gears. The main content area features a discussion titled "Has anyone found an effective way to collect basic candidate info without having them fully apply?". The discussion was updated by Paul Clemmons on July 22, 2013, and has 3 replies and 0 likes. The discussion content states: "We were going to implement Social Source as a CRM, but it was not up to date on browser versions, so we had to remove that from our implementation. While we look into other CRM's, I'm curious if anyone has found a way to collect basic candidate data (contact info and previous job title or employer) without them having to create a login and go through multiple screens." Below the discussion, there are three replies. The first reply is from Betty Zechman, dated July 22, 2013, with 0 likes and a reply link. The second reply is from Paul Clemmons, dated July 22, 2013, with 0 likes and a reply link. The third reply is from Anna Bauer, dated July 22, 2013, with 0 likes and a reply link.

Home Administration Applications Search Center Tag Center Kenexa Edit Mode Published Site Viewing published content

IBM. Paul Clemmons Actions Log Out ?

Welcome News Files

Welcome

A SMARTER WORKFORCE MAKES SMARTER BUSINESS

Has anyone found an effective way to collect basic candidate info without having them fully apply?

Updated by [Paul Clemmons](#) on July 22, 2013 | Tags: kenexa

3 | 0

We were going to implement Social Source as a CRM, but it was not up to date on browser versions, so we had to remove that from our implementation. While we look into other CRM's, I'm curious if anyone has found a way to collect basic candidate data (contact info and previous job title or employer) without them having to create a login and go through multiple screens.

Discussion 3

Reply to this topic...

[Betty Zechman](#)
You can attach a small candidate form to a basic talent gateway that is one page. Then attach a new candidate type to the gateway for easy searching and reporting. We have a custom URL that routes directly to the gateway. Email me if you would like to take a look. I hope that helps.
July 22 | 0 | [Reply](#)

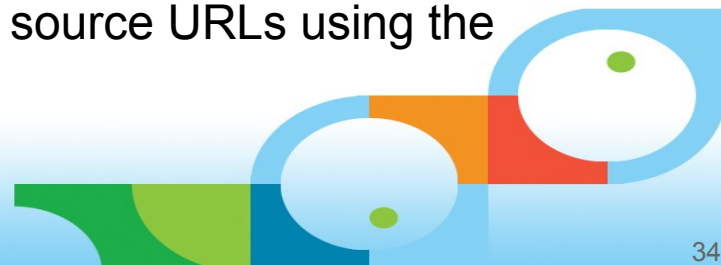
[Paul Clemmons](#)
That's a great idea. Thank you!
July 22 | 0 | [Reply](#)

[Anna Bauer](#)
Hi Kristi. My company builds exactly what you are looking for. In fact our technology can even let candidates apply to your ATS without having to create a login. We work with companies like Nike, Fresenius, Loves, and more. Let me know if you would be interested in connecting to review. Thanks!

Extending social rendering using DDC

The **[Plugin:ConnectionsContext]** Rendering Plugin

- Allows access to the connections integration context
- The plugin allows access to the following types of information
 - Connections services base URLs
 - Connections integration config settings
 - The community association of the current page
 - The ATOM url of the current social object (after clicking a link to a social object)
- The context URLs are typically used to compute source URLs using the **[Plugin:ResourceURL]** Rendering plugin



Designing your own DDC based social list

- Understand the Query URL structure that serves your data by consulting the IBM Connections API documentation (

<http://www-10.lotus.com/ldd/appdevwiki.nsf/xpDocViewer.xsp?lookupName=IBM+Connections+4.5+API+Documentation#action=openDocument&content=catcontent&ct=prodDoc>)

- Create the WCM component that builds this URL
 - This can be a simple text field (for static URLs like „give me all public forums“)
 - This can be an HTML component using the [Plugin:ResourceURL] and [Plugin:ConnectionsContext] rendering plugins for dynamic URLs (e.g. „give me all members of the community associated to the current page“)
- Determine the DDC profile capable of consuming the type of data served by this URL (e.g. „Community members“ for the community members query)
- Create or reuse the DDC Appearance component generating the markup for the data based on the given DDC profile
- Build your DDC content item to
 - First: establish the DDC context (using the [Plugin:ListRenderingContext] tag) based on the source URL and the DDC profile and
 - Second: render your DDC appearance component
- **A step by step sample (for creating the community members list) can be found here:**

<https://www.ibm.com/developerworks/community/forums/html/topic?id=13719e66-d785-4918-8a1f-ad4fd62f1b8d>

Example Data Source Component

How to create the URL that serves all members of the community associated to the current page?

1. Look at the API documentation:

http://www-10.lotus.com/ldd/appdevwiki.nsf/xpDocViewer.xsp?lookupName=IBM+Connections+4.5+API+Documentation#action=openDocument&res_title=Getting_a_list_of_the_members_of_a_community_ic45&content=pdcontent

Retrieve the members feed to view a list of the members who belong to a given community.

Table 1. Atom API request details

HTTP Method	Sample URL
GET	<code>http://server.example.com/communities/service/atom/community/members?communityUuid=<uuid></code>

2. Build a corresponding HTML component:

HTML Element

Import

Export

Insert a Tag

Insert a Link

Insert an Image

```
[Plugin:ResourceURL param="communityUuid=[Plugin:ConnectionsContext type='portal' key='communityID']" url="
[Plugin:ConnectionsContext type='service' key='communities']/service/atom/community/members"]
```

Social Rendering Templates for DDC

This is a set of WCM libraries that show case several DDC based custom lists, details views and interactions

It is meant to be a sample demonstrating the capabilities. Customers can use this to understand the possibilities and to use it as a starting point for their own solutions

The libraries are not part of Portal 8.5 but will become available on the catalog

While the DDC runtime, the social rendering DDC plugin and the DDC profiles for IBM Connections are fully supported, the functionality implemented in this sample libraries comes without support

The libraries can be used on both Portal 8.5 as well as Portal 8001 CF 11

Social Rendering Templates for DDC

- **User Interactions:**
 - Create, delete, like, and unlike blog posts
 - Create, delete, like, and unlike blog post comments
 - Create, delete, like, and unlike forum topics
 - Create, delete, like, and unlike forum topic replies
 - Create, delete wiki page comments
 - Like and unlike wiki pages
 - Accept and reject forum topic replies as answers
 - Join and leave public communities
 - Accept and reject network invitations
 - Invite users to networks
- **Lists:**
 - List of Blogs, Current Blog Details, Current Blog Post Details, Community Blog Details
 - List of Forums, Current Forum Details, Current Forum Topic Details, Community Forum Details
 - List of Community Members, List of Sub Communities, Community Details
 - List of My Pending Network Invitations
 - Current User Profile Details
 - Current Wiki Page Details
- **Dyanmic search term and author Filters**

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